

Amendments to the Specification

Please replace the paragraph at page 8, lines 11 through 15 with the following amended paragraph:

10/17/2008

State of charge (SOC) is a measure that characterizes electrochemical states of a cell after a charging or discharging process. For example, assume that the full capacity of a cell is 'z' Ah (Ampere-hour). After discharging $0.5z$ Ah capacity from the fully charged state, the state of charge of the cell is 50%. Likewise, after discharging $0.25z$ Ah capacity from the fully charged state, the state of charge is [[25%]] 75%, and so on.